

**WHAT IS CLAIMED IS:**

1. A system for signaling level of product in a  
5 container, comprising:
  - a container having a sensor affixed to one  
portion thereof,
  - contacts extending downwardly from said sensor;
  - an electrical circuit broken when the level of  
10 product in said container falls below said contacts, and
  - a device for generating a signal from said sensor  
when said electrical circuit is broken for alerting a user that  
the level of product is low, and
  - a remote receiver separate from said container for  
15 communicating said signal for alerting the user.
2. The system of claim 1, wherein said sensor  
comprises an RFID chip.
- 20 3. The system of claim 1, wherein said sensor  
comprises an RFID chip that signals a timer in a primary device,  
base station or similar device to countdown a present time to  
refill.
- 25 4. The system of claim 2, wherein said sensor  
comprises an RFID chip that signals a timer in a primary device,  
base station or similar device to countdown a present time to  
refill.
- 30 5. The unit, comprising:
  - a base,
  - a container having an RFID tag, said container  
fitting in said base, wherein
  - said RFID tag signals the presence of the  
35 container to said base when the container is placed in proximity  
to said base.

6. The unit of claim 5, wherein said base is a heater.

7. The unit of claim 5, wherein said container  
5 contains a flowable product.

8. The unit of claim 5, wherein said container  
contains a fragrance.

10 9. The unit of claim 5, wherein said container is a  
dispensing device.

10. The unit of claim 5, wherein said RFID tag  
communicates a heating regimen to said base.

15 11. The unit of claim 5, wherein said RFID tag  
communicates a heating history for said container to said base.

12. The unit of claim 5, wherein said RFID tag is  
20 attached to said container,

Said base having a radio frequency identification  
reader/writer in operable connection with a microprocessor-based  
control circuit, said reader/writer transmitting updated  
information for storage in an electronic memory associated with  
25 said RFID tag,

13. A volatile dispensing system, comprising:  
at least one container having a volatile,  
a holder retaining said at least one container,  
30 and  
an RFID tag controlling dispensing of said  
volatile.

14. The system of claim 13, wherein said volatile is  
35 a air freshener.

15. The system of claim 13, wherein said volatile is a fragrance.

5 16. The system of claim 13, wherein said at least one container is a plurality of containers, each container having an RFID tag, and further comprising a controller, said controller controlling which one of said plurality of containers is dispensed.

10 17. The system of claim 13, wherein said holder is a heater, said RFID tag is connected to said at least one container, and said RFID tag controls dispensing by initiating heating of said container.

15 18. The system of claim 17, wherein said RFID tag controls dispensing by communicating heating instructions to said heater.

20 19. A system for monitoring the age of an item, comprising  
an RFID tag associated with said item,  
a reader having a timer, said reader initializing said timer and displaying elapsed time since initiation when said RFID tag is in proximity to said reader.

25 20. The system of claim 19, wherein said item is a container, said RFID attached to said container.

30 21. The system of claim 19, wherein said item is a container, said RFID tag attached to a device designed for closing said container.